

Ten Leading Causes of Death in the United States, 1977

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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
PUBLIC HEALTH SERVICE
CENTER FOR DISEASE CONTROL
BUREAU OF STATE SERVICES
Health Analysis and Planning for Preventive Services
Atlanta, Georgia 30333

For further information, contact
Center for Disease Control
Attn: Chief, Health Analysis and Planning for Preventive Services
Atlanta, Georgia 30333

Data Source: Table 209 "Deaths from 69 Selected
Causes by Age, Color, and, Sex, U.S. 1977,"
National Center for Health Statistics

FOREWORD

Our first publication, "Ten Leading Causes of Death in the United States, 1975" received such a positive response from its readers that we decided to present updated information utilizing 1977 mortality data provided us from the National Center for Health Statistics. This publication, identical in format design to the first, is divided into three sections.

Section I lists the ten leading causes of death in 1977, the number of deaths occurring by cause, the rate per 100,000 population, and the percentage distribution by cause for sex and race for those over 1 year of age. The % of total column does not add up to 100% since all causes of death are not listed.

Years of Potential Life Lost, Section II, is an indicator of premature mortality and is determined by the following procedure. The average number of life years lost is calculated for each cause in each group by subtracting the mid-point of the age group from 65 or 75 respectively and multiplying that value by the number of cause specific deaths in the appropriate age group. The results are then summed over all age groups for each cause to determine the total number of cause specific life years lost. Two perspectives are considered in choosing 65 and 75 as the cut-off ages. Age 75 was selected as a cut-off age based on five year aggregate data nearest the average age of life expectancy of 74 for the total population in the United States. On the other hand, age 65 is usually when full retirement benefits begin, even though a great proportion of people are still productive at this age. A tragic example of potential life years lost is seen in the high number of homicides. Assuming that a life is expected to span approximately 75 years, a 25-year-old person who is murdered has lost 50 years of potential life. Because homicides cut down the productive years, such a death is much more significant than the death of a person of heart disease at age 74. For additional information on the leading causes of death in the U.S. by age, race, sex specific groups as well as the probabilities of dying during a specified age interval, we refer you to the companion booklet, "Leading Causes of Death & Probabilities of Dying, United States, 1975 and 1976" available from the Center for Disease Control.

Section III illustrates the importance of lifestyle and environment in reducing morbidity and mortality. In the Proportional Allocation of the Contributing Factors of Mortality to the Four Elements of the Health Field, the allocations in the tables were determined by polling 40 professionals and paraprofessionals to find what factors of lifestyle, environment, human biology, and system of health care organization contributed to each cause of mortality listed. The 40 responses were then summed and averaged to determine the potential impact of these four factors on each disease. The results in the tables are in very close agreement with the medical literature.¹ We applied Dever's methods to the ten leading causes of premature deaths in the United States in 1977. The results are represented in Section III. This analysis suggests that risk factors due to lifestyle contributed approximately 50 percent to United States premature mortality in 1977, followed by environmental factors and human biological factors with 20 percent each, and finally inadequacies in the health care system with only 10 percent.

The implications of this analysis are most encouraging. Environmental causes should be amenable to societal intervention. Factors of lifestyle should be amenable to personal intervention by an individual who is informed about his unhealthy behavior and who is supported in any attempts at favorable change. Inadequacies in the health care delivery system — within the limits of available resources — should be correctable as they are identified. Though the human biological complications may appear momentarily beyond effective influence, there will be scientific discoveries, such as pacemakers for heart conditions, opening this area to improvement in the future.

¹ G.E.A. Dever: "An Epidemiological Model for Health Policy Analysis," *Social Indicators Research*, 2, 1977, pp. 453-66.

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Proportional allocation of the contributing factors of mortality to the four elements of the health field. Ten leading causes of death, 1+ years of age potential life years lost, rates, percent of total mortality by race and sex – 1977.

SECTION I

TEN LEADING CAUSES OF DEATH
 PERCENTAGE DISTRIBUTION BY CAUSE
 TOTAL POPULATION 1+ YEARS OF AGE
 U.S.A., 1977

<u>Cause</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>
Heart Disease	717,976	336.0	38.8
Cancer	386,529	180.9	20.9
Cerebrovascular Disease	181,741	85.1	9.8
All Other Accidents	52,706	24.7	2.8
Influenza & Pneumonia	49,497	23.2	2.7
Motor Vehicle Accidents	49,234	23.0	2.7
Diabetes	32,976	15.4	1.8
Cirrhosis of Liver	30,804	14.4	1.7
Arteriosclerosis	28,745	13.5	1.6
Suicide	28,668	13.4	1.5

TEN LEADING CAUSES OF DEATH
 PERCENTAGE DISTRIBUTION BY CAUSE
 MALES 1+ YEARS OF AGE
 U.S.A., 1977

<u>Cause</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>
Heart Disease	395,975	380.5	38.9
Cancer	210,369	202.1	20.6
Cerebrovascular Disease	77,255	74.2	7.6
Motor Vehicle Accidents	35,648	34.3	3.5
All Other Accidents	35,536	34.1	3.5
Influenza & Pneumonia	26,640	25.6	2.6
Suicide	21,099	20.3	2.1
Cirrhosis of Liver	20,143	19.4	2.0
Bronchitis, Emphysema & Asthma	16,058	15.4	1.6
Other Disease of Arteries	15,609	15.0	1.5

TEN LEADING CAUSES OF DEATH
 PERCENTAGE DISTRIBUTION BY CAUSE
 FEMALES 1+ YEARS OF AGE
 U.S.A., 1977

<u>Cause</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>
Heart Disease	322,001	293.9	38.7
Cancer	176,160	160.8	21.1
Cerebrovascular Disease	104,486	95.4	12.5
Influenza & Pneumonia	22,857	20.9	2.7
Diabetes	19,348	17.7	2.3
All Other Accidents	17,170	15.7	2.1
Arteriosclerosis	17,100	15.6	2.1
Motor Vehicle Accidents	13,586	12.4	1.6
Cirrhosis of Liver	10,661	9.7	1.3
Other Diseases of Arteries	10,658	9.7	1.3

TEN LEADING CAUSES OF DEATH
 PERCENTAGE DISTRIBUTION BY CAUSE
 WHITE POPULATION 1+ YEARS OF AGE
 U.S.A., 1977

<u>Cause</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>
Heart Disease	647,681	349.9	39.7
Cancer	342,875	185.2	21.0
Cerebrovascular Disease	159,414	86.1	9.8
All Other Accidents	44,212	23.9	2.7
Influenza & Pneumonia	43,737	23.6	2.7
Motor Vehicle Accidents	43,125	23.3	2.6
Diabetes	27,474	14.8	1.7
Arteriosclerosis	26,668	14.4	1.6
Suicide	26,570	14.4	1.6
Cirrhosis of Liver	25,418	13.7	1.5

TEN LEADING CAUSES OF DEATH
 PERCENTAGE DISTRIBUTION BY CAUSE
 WHITE MALES 1+ YEARS OF AGE
 U.S.A., 1977

<u>Cause</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>
Heart Disease	358,356	396.2	40.1
Cancer	185,079	204.6	20.7
Cerebrovascular Disease	66,894	74.0	7.5
Motor Vehicle Accidents	31,008	34.3	3.5
All Other Accidents	29,445	32.6	3.3
Influenza & Pneumonia	23,044	25.5	2.6
Suicide	19,524	21.6	2.2
Cirrhosis of Liver	16,713	18.5	1.9
Bronchitis, Emphysema & Asthma	15,048	16.6	1.7
Other Diseases of Arteries	14,415	15.9	1.6

TEN LEADING CAUSES OF DEATH
 PERCENTAGE DISTRIBUTION BY CAUSE
 WHITE FEMALES 1+ YEARS OF AGE
 U.S.A., 1977

<u>Cause</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>
Heart Disease	289,325	305.6	39.2
Cancer	157,796	166.7	21.4
Cerebrovascular Disease	92,520	97.7	12.5
Influenza & Pneumonia	20,693	21.9	2.8
Arteriosclerosis	15,977	16.9	2.2
Diabetes	15,855	16.7	2.2
All Other Accidents	14,767	15.6	2.0
Motor Vehicle Accidents	12,117	12.8	1.6
Other Diseases of Arteries	9,557	10.1	1.3
Cirrhosis of Liver	8,705	9.2	1.2

TEN LEADING CAUSES OF DEATH
 PERCENTAGE DISTRIBUTION BY CAUSE
 ALL OTHER RACES 1+ YEARS OF AGE
 U.S.A., 1977

<u>Cause</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>
Heart Disease	70,295	246.4	31.7
Cancer	43,654	153.0	19.7
Cerebrovascular Disease	22,327	78.3	10.1
Homicide	9,149	32.1	4.1
All Other Accidents	8,494	29.8	3.8
Motor Vehicle Accidents	6,109	21.4	2.8
Influenza & Pneumonia	5,760	20.2	2.6
Diabetes	5,502	19.3	2.5
Cirrhosis of Liver	5,386	18.9	2.4
Other Diseases of Arteries	2,295	8.0	1.0

TEN LEADING CAUSES OF DEATH
 PERCENTAGE DISTRIBUTION BY CAUSE
 ALL OTHER RACES - MALES - 1+ YEARS OF AGE
 U.S.A., 1977

<u>Cause</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>
Heart Disease	37,619	275.9	29.9
Cancer	25,290	185.5	20.1
Cerebrovascular Disease	10,361	76.0	8.2
Homicide	7,357	54.0	5.8
All Other Accidents	6,091	44.7	4.8
Motor Vehicle Accidents	4,640	34.0	3.7
Influenza & Pneumonia	3,596	26.4	2.9
Cirrhosis of Liver	3,430	25.2	2.7
Diabetes	2,009	14.7	1.6
Suicide	1,575	11.6	1.3

TEN LEADING CAUSES OF DEATH
 PERCENTAGE DISTRIBUTION BY CAUSE
 ALL OTHER RACES - FEMALES - 1+ YEARS OF AGE
 U.S.A., 1977

<u>Cause</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>
Heart Disease	32,676	219.4	34.1
Cancer	18,364	123.3	19.2
Cerebrovascular Disease	11,966	80.3	12.5
Diabetes	3,493	23.4	3.6
All Other Accidents	2,403	16.1	2.5
Influenza & Pneumonia	2,164	14.5	2.3
Cirrhosis of Liver	1,956	13.1	2.0
Homicide	1,792	12.0	1.9
Motor Vehicle Accidents	1,469	9.9	1.5
Arteriosclerosis	1,123	7.5	1.2

SECTION II

YEARS OF POTENTIAL LIFE LOST
TOTAL POPULATION AGES 1-74
U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Heart Disease	4,295,603	23.4
Cancer	3,931,209	21.4
Motor Vehicle Accidents	2,005,688	10.9
All Other Accidents	1,442,526	7.9
Suicide	898,388	4.9
Homicide	780,710	4.3
Cerebrovascular Disease	775,483	4.2
Cirrhosis of Liver	559,097	3.0
Influenza & Pneumonia	309,243	1.7
Diabetes	252,566	1.4

YEARS OF POTENTIAL LIFE LOST

MALES AGES 1-74

U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Heart Disease	3,055,690	25.6
Cancer	2,102,297	17.6
Motor Vehicle Accidents	1,478,818	12.4
All Other Accidents	1,114,486	9.3
Suicide	669,255	5.6
Homicide	602,070	5.0
Cerebrovascular Disease	408,573	3.4
Cirrhosis of Liver	370,719	3.1
Influenza & Pneumonia	192,119	1.6
Diabetes	125,480	1.0

YEARS OF POTENTIAL LIFE LOST

FEMALES AGES 1-74

U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Cancer	1,828,912	28.7
Heart Disease	1,239,914	19.4
Motor Vehicle Accidents	526,811	8.3
Cerebrovascular Disease	366,910	5.7
All Other Accidents	328,040	5.1
Suicide	229,133	3.6
Cirrhosis of Liver	188,378	3.0
Homicide	178,640	2.8
Diabetes	127,086	2.0
Influenza & Pneumonia	117,124	1.8

YEARS OF POTENTIAL LIFE LOST
 WHITE POPULATION AGES 1-74
 U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Heart Disease	3,642,841	24.3
Cancer	3,379,209	22.6
Motor Vehicle Accidents	1,754,209	11.7
All Other Accidents	1,152,059	7.7
Suicide	816,745	5.5
Cerebrovascular Disease	592,040	4.0
Cirrhosis of Liver	424,915	2.8
Homicide	407,091	2.7
Influenza & Pneumonia	230,337	1.5
Diabetes	193,302	1.3

YEARS OF POTENTIAL LIFE LOST
 WHITE POPULATION - MALES - AGES 1-74
 U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Heart Disease	2,656,194	27.0
Cancer	1,800,140	18.3
Motor Vehicle Accidents	1,289,669	13.1
All Other Accidents	896,211	9.1
Suicide	607,453	6.2
Cerebrovascular Disease	313,610	3.2
Homicide	304,800	3.1
Cirrhosis of Liver	286,085	2.9
Influenza & Pneumonia	141,322	1.4
Diabetes	100,843	1.0

YEARS OF POTENTIAL LIFE LOST
 WHITE POPULATION - FEMALES - AGES 1-74
 U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Cancer	1,579,069	30.7
Heart Disease	986,647	19.2
Motor Vehicle Accidents	464,540	9.0
Cerebrovascular Disease	278,430	5.4
All Other Accidents	255,848	5.0
Suicide	209,293	4.1
Cirrhosis of Liver	138,831	2.7
Homicide	102,291	2.0
Diabetes	92,459	1.8
Influenza & Pneumonia	89,005	1.7

YEARS OF POTENTIAL LIFE LOST

ALL OTHER RACES AGES 1-74

U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Heart Disease	652,762	19.3
Cancer	552,001	16.4
Homicide	373,620	11.1
All Other Accidents	290,468	8.6
Motor Vehicle Accidents	251,480	7.5
Cerebrovascular Disease	183,443	5.4
Cirrhosis of Liver	134,182	4.0
Suicide	81,643	2.4
Influenza & Pneumonia	78,907	2.3
Diabetes	59,264	1.8

YEARS OF POTENTIAL LIFE LOST
 ALL OTHER RACES - MALES - AGES 1-74
 U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Heart Disease	399,496	18.7
Cancer	302,158	14.2
Homicide	297,271	13.9
All Other Accidents	218,275	10.2
Motor Vehicle Accidents	189,209	8.9
Cerebrovascular Disease	94,963	4.4
Cirrhosis of Liver	84,634	4.0
Suicide	61,803	2.9
Influenza & Pneumonia	50,787	2.4
Diabetes	24,637	1.2

YEARS OF POTENTIAL LIFE LOST
 ALL OTHER RACES - FEMALES - AGES 1-74
 U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Heart Disease	253,267	20.4
Cancer	249,844	20.2
Cerebrovascular Disease	88,480	7.1
Homicide	76,349	6.2
All Other Accidents	72,193	5.8
Motor Vehicle Accidents	62,271	5.0
Cirrhosis of Liver	49,548	4.0
Diabetes	34,627	2.8
Influenza & Pneumonia	29,120	2.3
Suicide	19,840	1.6

YEARS OF POTENTIAL LIFE LOST

TOTAL POPULATION AGES 1-64

U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Cancer	1,810,245	18.1
Heart Disease	1,687,593	16.8
Motor Vehicle Accidents	1,555,548	15.5
All Other Accidents	1,069,156	10.7
Suicide	644,683	6.4
Homicide	591,240	5.9
Cerebrovascular Disease	314,823	3.1
Cirrhosis of Liver	306,237	3.1
Influenza & Pneumonia	170,318	1.7
Diabetes	110,741	1.1

YEARS OF POTENTIAL LIFE LOST

MALES AGES 1-64

U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Heart Disease	1,244,615	18.7
Motor Vehicle Accidents	1,147,818	17.2
Cancer	940,983	14.1
All Other Accidents	831,131	12.5
Suicide	484,005	7.3
Homicide	454,740	6.8
Cirrhosis of Liver	203,004	3.0
Cerebrovascular Disease	164,988	2.5
Influenza & Pneumonia	103,264	1.6
Diabetes	57,435	0.9

YEARS OF POTENTIAL LIFE LOST

FEMALES AGES 1-64

U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Cancer	869,262	25.9
Heart Disease	442,979	13.2
Motor Vehicle Accidents	407,671	12.2
All Other Accidents	238,025	7.1
Suicide	160,678	4.8
Cerebrovascular Disease	149,835	4.5
Homicide	136,500	4.1
Cirrhosis of Liver	103,233	3.1
Influenza & Pneumonia	67,054	2.0
Diabetes	53,306	1.6

YEARS OF POTENTIAL LIFE LOST

WHITE POPULATION AGES 1-64

U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Cancer	1,537,394	19.2
Heart Disease	1,387,591	17.4
Motor Vehicle Accidents	1,361,424	17.0
All Other Accidents	850,479	10.6
Suicide	583,035	7.3
Homicide	306,776	3.8
Cerebrovascular Disease	230,065	2.9
Cirrhosis of Liver	221,875	2.8
Influenza & Pneumonia	121,687	1.5
Diabetes	82,937	1.0

YEARS OF POTENTIAL LIFE LOST
 WHITE POPULATION - MALES - AGES 1-64
 U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Heart Disease	1,056,544	19.7
Motor Vehicle Accidents	1,002,329	18.7
Cancer	798,205	14.9
All Other Accidents	666,801	12.5
Suicide	437,183	8.2
Homicide	229,255	4.3
Cirrhosis of Liver	150,190	2.8
Cerebrovascular Disease	120,845	2.3
Influenza & Pneumonia	72,512	1.4
Diabetes	45,108	0.8

YEARS OF POTENTIAL LIFE LOST
 WHITE POPULATION - FEMALES - AGES 1-64
 U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Cancer	739,189	28.0
Motor Vehicle Accidents	359,095	13.6
Heart Disease	331,047	12.6
All Other Accidents	183,678	7.0
Suicide	145,853	5.5
Cerebrovascular Disease	109,220	4.1
Homicide	77,521	2.9
Cirrhosis of Liver	71,686	2.7
Influenza & Pneumonia	49,175	1.9
Diabetes	37,829	1.4

YEARS OF POTENTIAL LIFE LOST

ALL OTHER RACES AGES 1-64

U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Heart Disease	300,002	14.8
Homicide	284,465	14.0
Cancer	272,851	13.5
All Other Accidents	218,678	10.8
Motor Vehicle Accidents	194,125	9.6
Cerebrovascular Disease	84,758	4.2
Cirrhosis of Liver	84,362	4.2
Suicide	61,648	3.0
Influenza & Pneumonia	48,632	2.4
Diabetes	27,804	1.4

YEARS OF POTENTIAL LIFE LOST
 ALL OTHER RACES - MALES - AGES 1-64
 U.S.A., 1977

<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Homicide	225,486	17.2
Heart Disease	188,071	14.4
All Other Accidents	164,330	12.5
Motor Vehicle Accidents	145,549	11.1
Cancer	142,778	10.9
Cirrhosis of Liver	52,814	4.0
Suicide	46,823	3.6
Cerebrovascular Disease	44,143	3.4
Influenza & Pneumonia	30,752	2.3
Diabetes	12,327	0.9

YEARS OF POTENTIAL LIFE LOST
 ALL OTHER RACES - FEMALES - AGES 1-64
 U.S.A., 1977

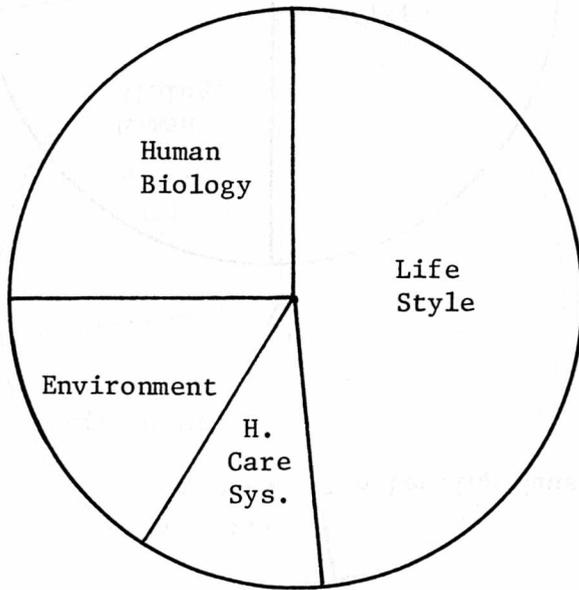
<u>Cause</u>	<u>Total Years Lost</u>	<u>% Total Years</u>
Cancer	130,074	18.1
Heart Disease	111,932	15.6
Homicide	58,979	8.2
All Other Accidents	54,348	7.6
Motor Vehicle Accidents	48,576	6.8
Cerebrovascular Disease	40,615	5.7
Cirrhosis of Liver	31,548	4.4
Influenza & Pneumonia	17,880	2.5
Diabetes	15,477	2.2
Suicide	14,825	2.1

SECTION III

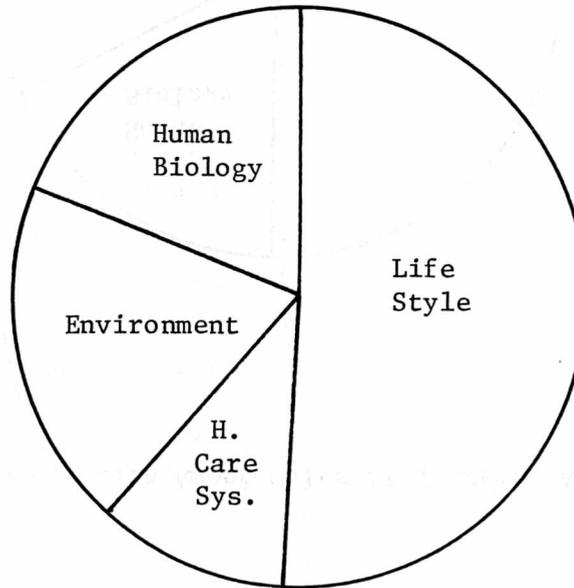
PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the Total Population 1+ Years of Age, U.S.A. 1977

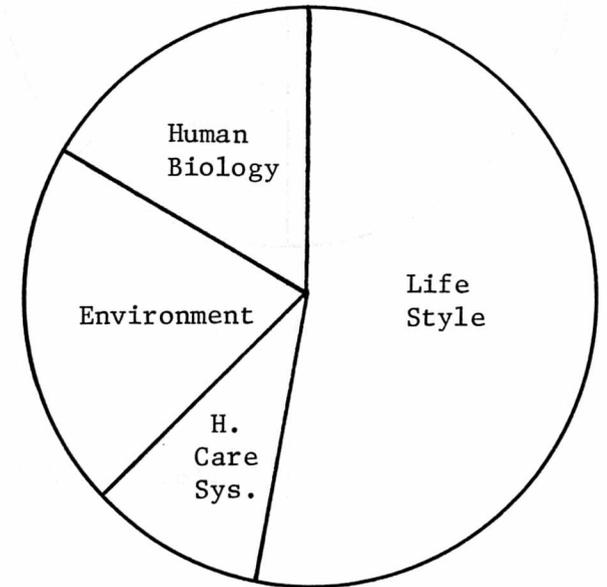
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Total Mortality
1+ Years of Age



Life Years Lost
Before Age 75

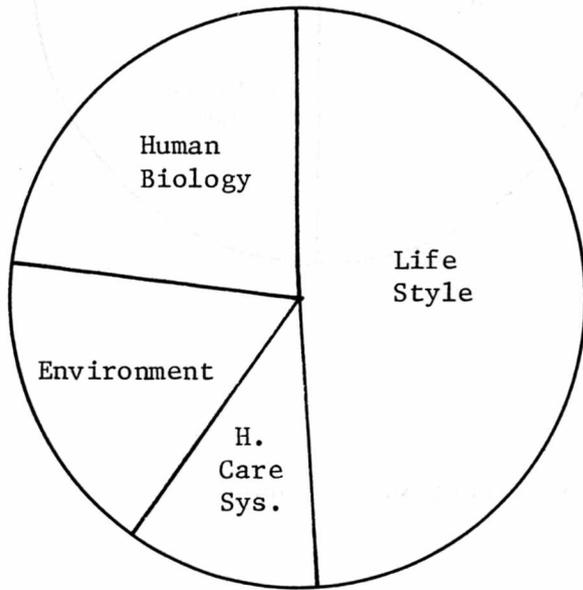


Life Years Lost
Before Age 65

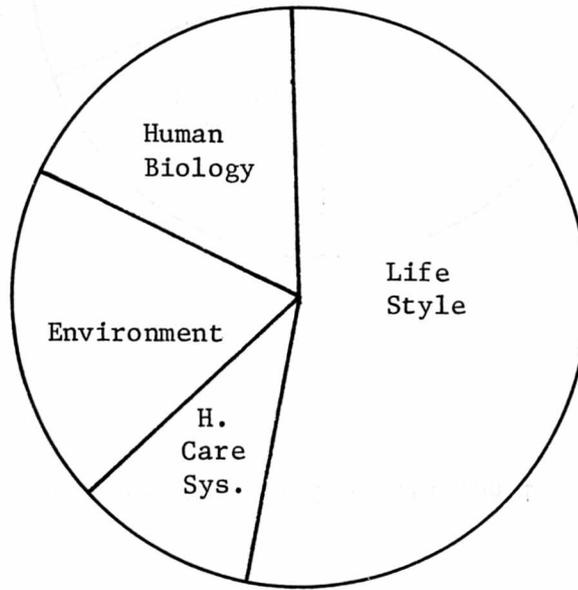
PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among Males 1+ Years of Age, U.S.A. 1977

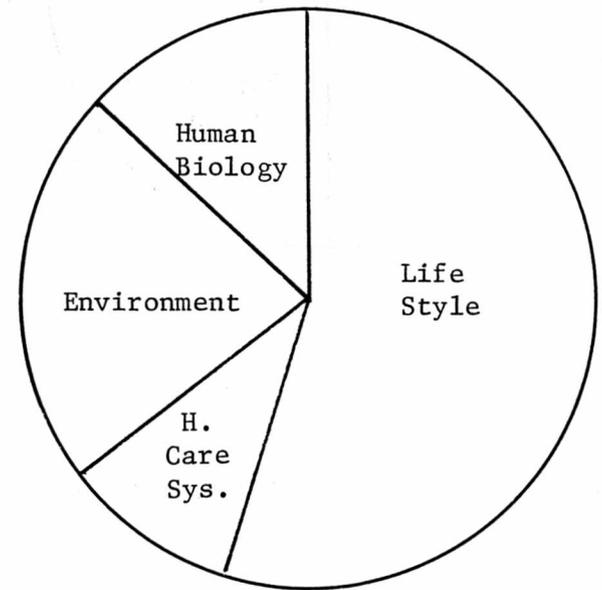
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Total Mortality
1+ Years of Age



Life Years Lost
Before Age 75

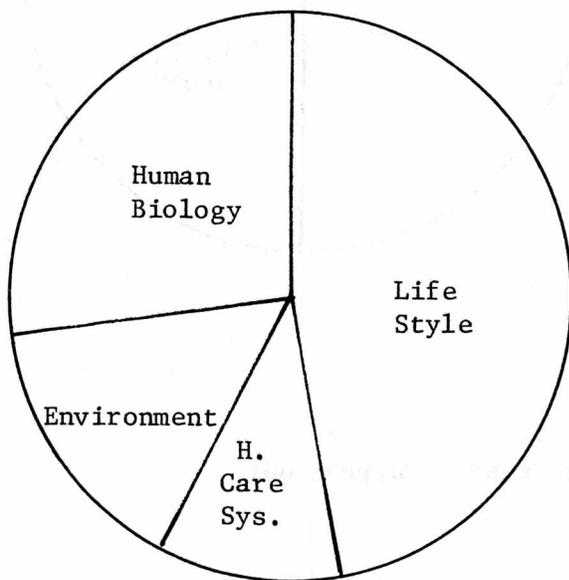


Life Years Lost
Before Age 65

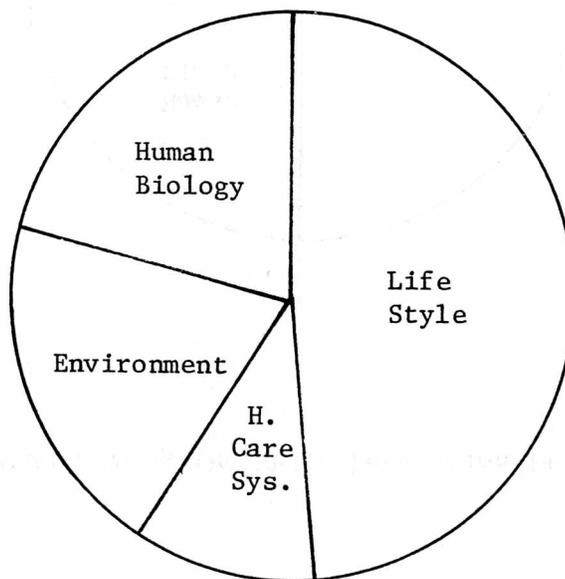
PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among Females 1+ Years of Age, U.S.A. 1977

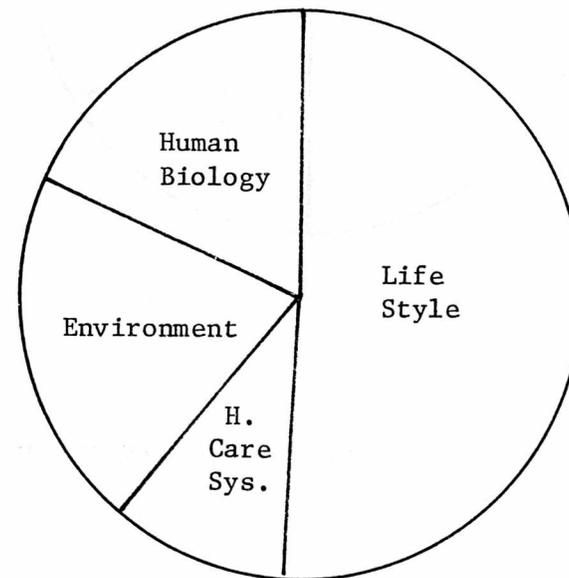
37



Total Mortality
1+ Years of Age



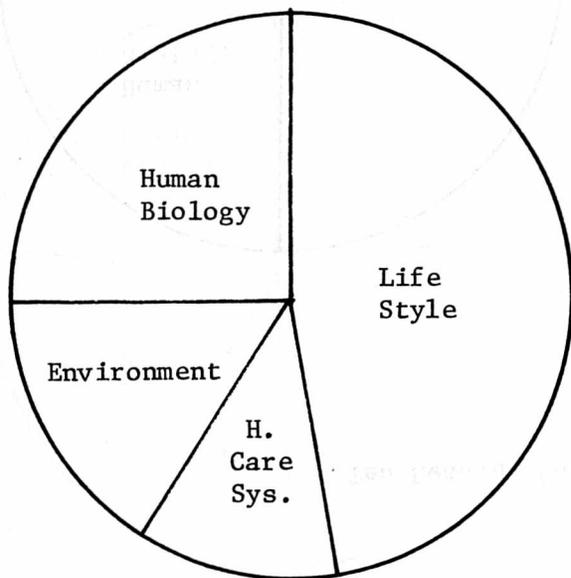
Life Years Lost
Before Age 75



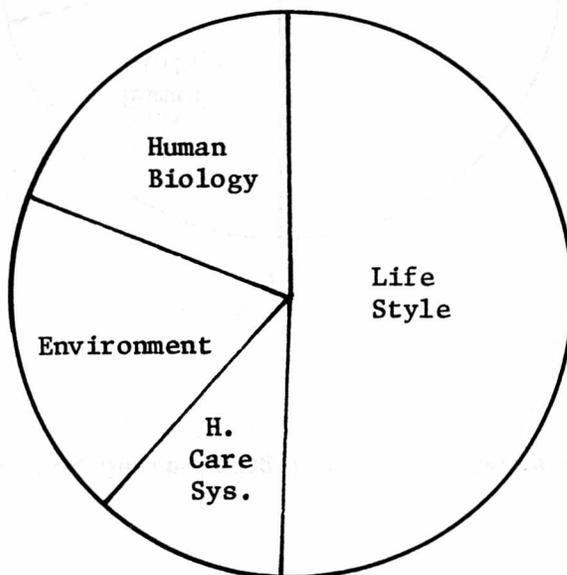
Life Years Lost
Before Age 65

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

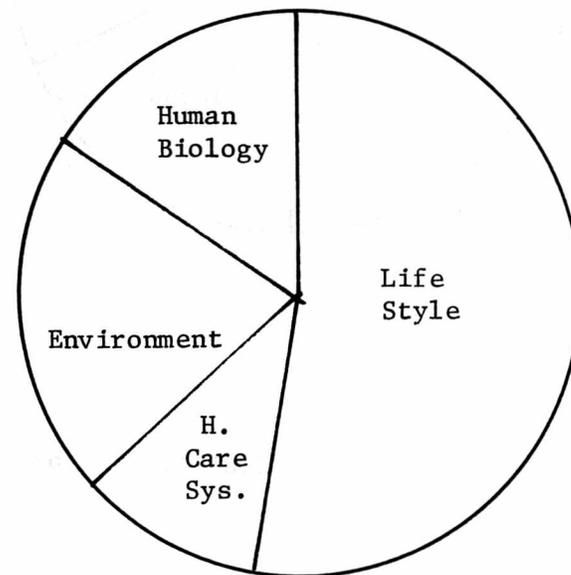
Ten Leading Causes of Death Among the White Population 1+ Years of Age, U.S.A. 1977



Total Mortality
1+ Years of Age



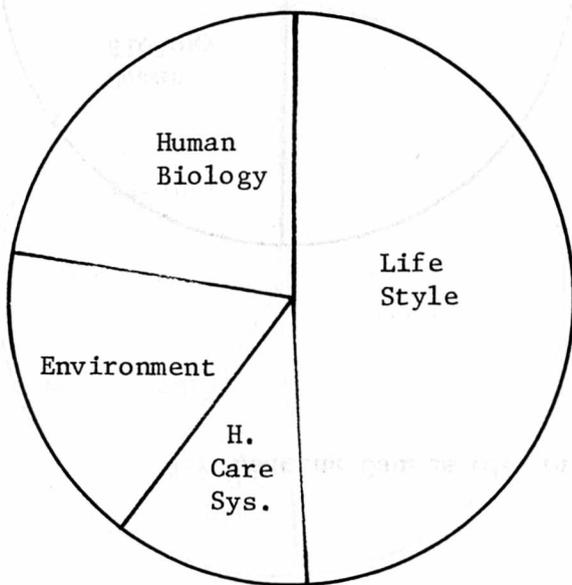
Life Years Lost
Before Age 75



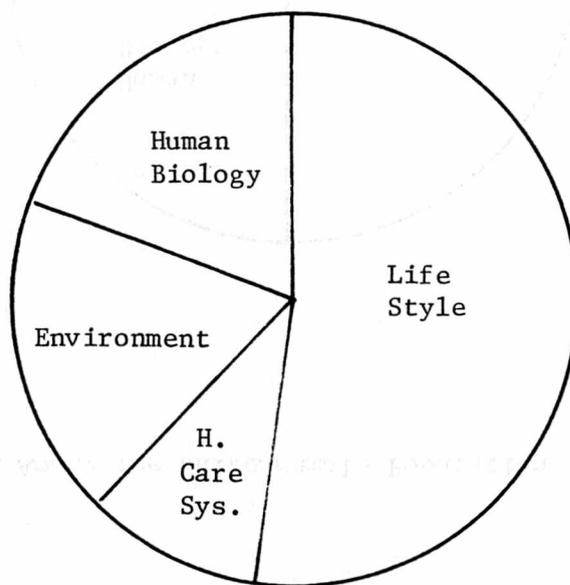
Life Years Lost
Before Age 65

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

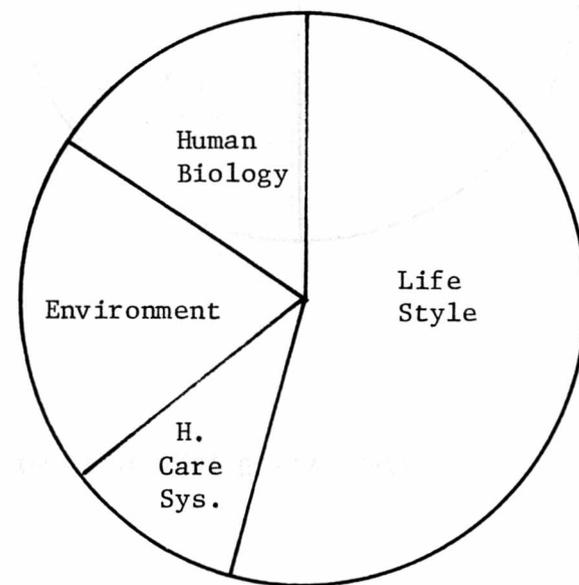
Ten Leading Causes of Death Among the White Male Population 1+ Years of Age, U.S.A. 1977



Total Mortality
1+ Years of Age



Life Years Lost
Before Age 75

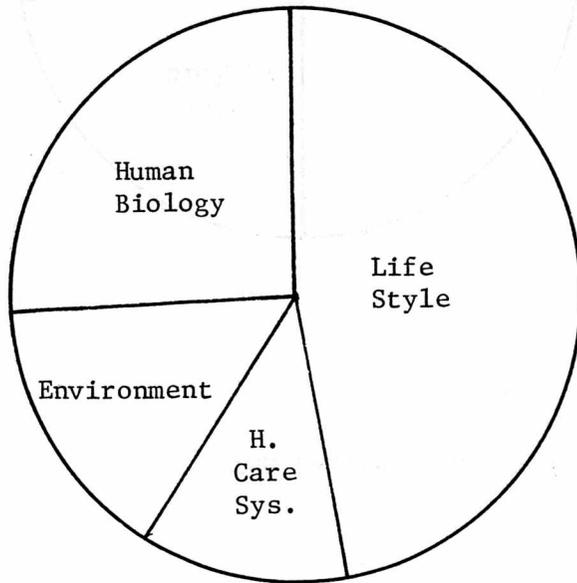


Life Years Lost
Before Age 65

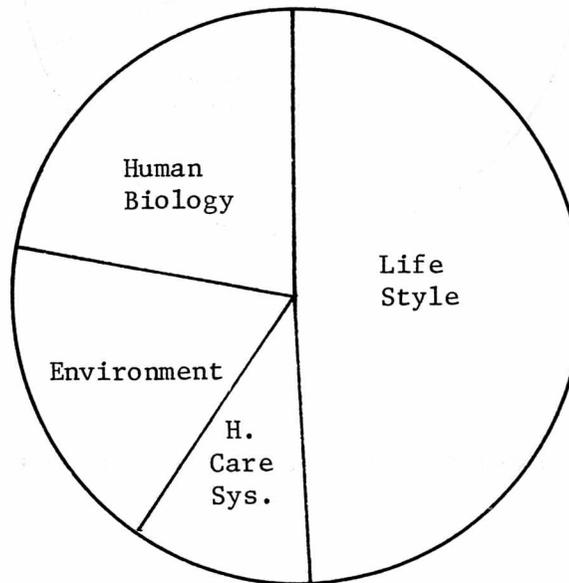
PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the White Female Population 1+ Years of Age, U.S.A. 1977

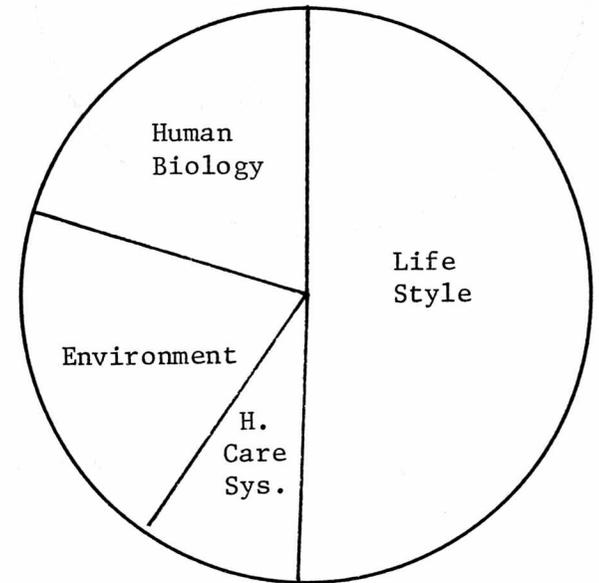
40



Total Mortality
1+ Years of Age



Life Years Lost
Before Age 75

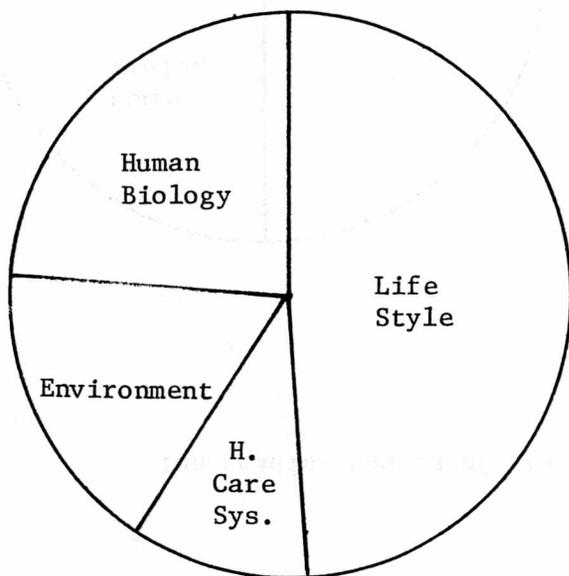


Life Years Lost
Before Age 65

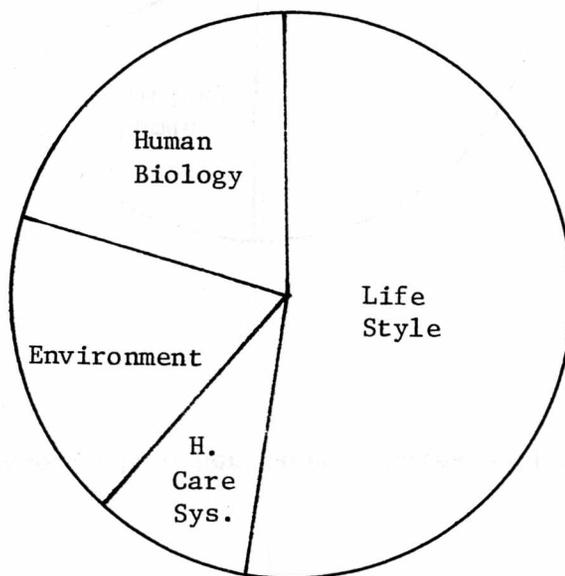
PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among All Other Races 1+ Years of Age, U.S.A. 1977

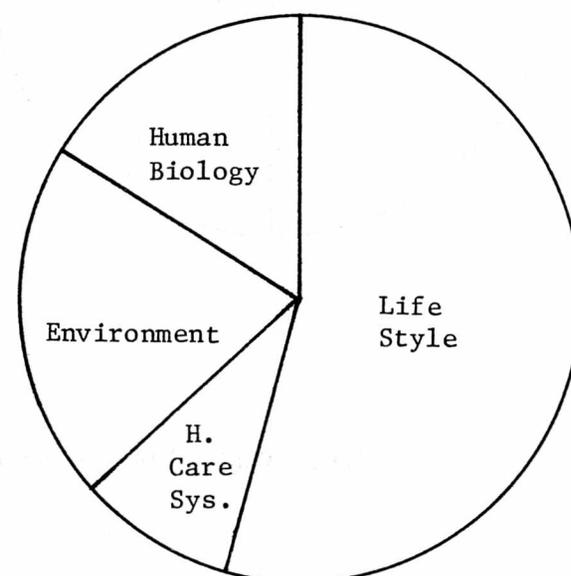
41



Total Mortality
1+ Years of Age



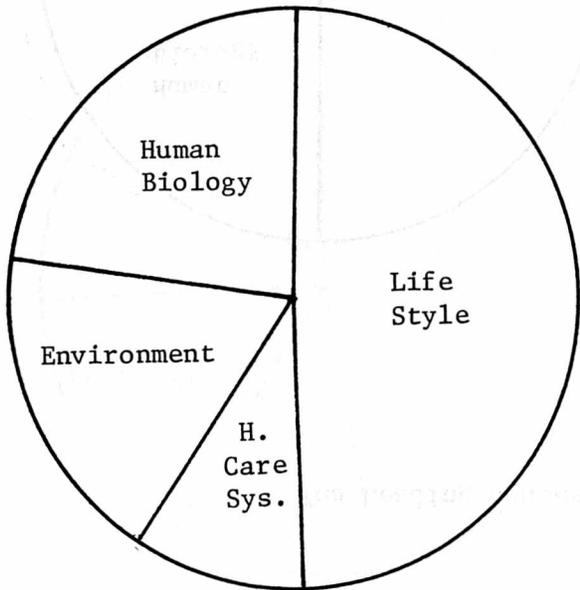
Life Years Lost
Before Age 75



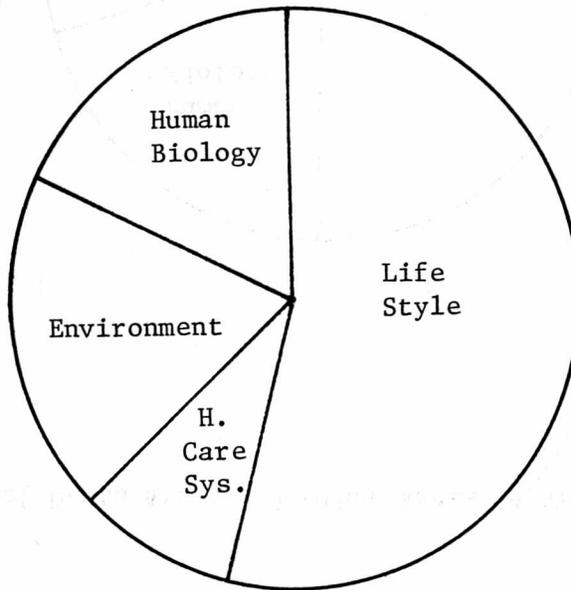
Life Years Lost
Before Age 65

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

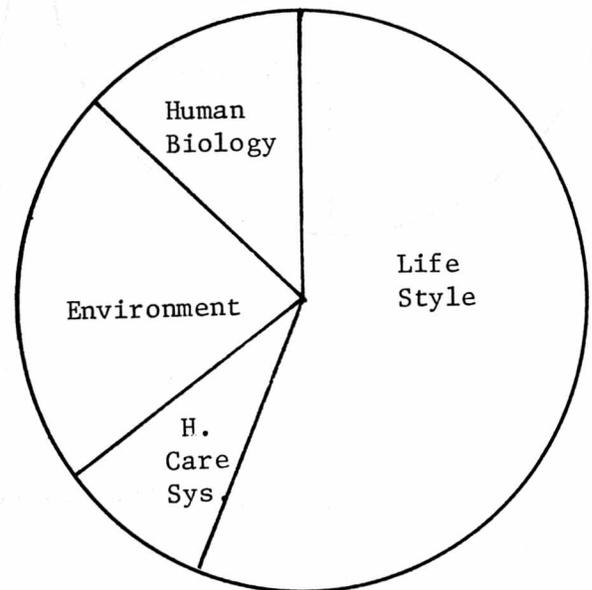
Ten Leading Causes of Death Among All Other Races - Males - 1+ Years of Age, U.S.A. 1977



Total Mortality
1+ Years of Age



Life Years Lost
Before Age 75

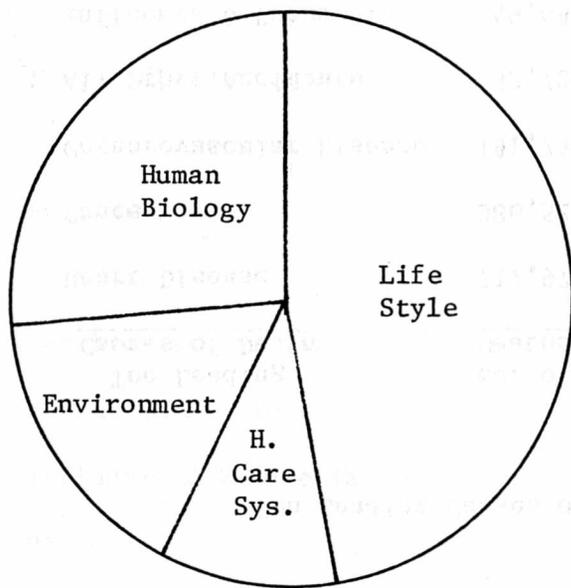


Life Years Lost
Before Age 65

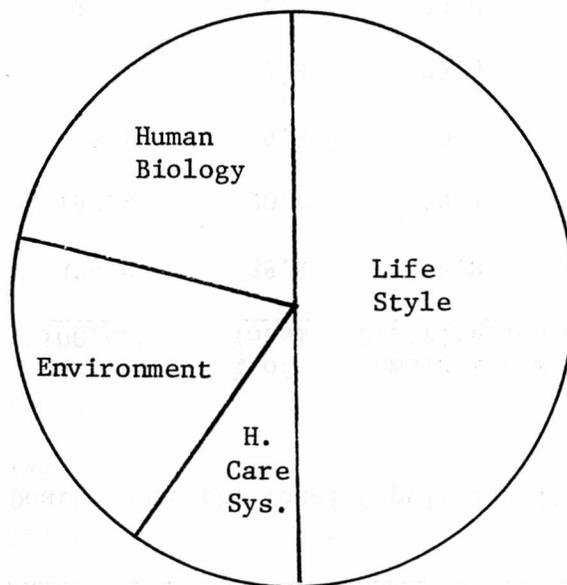
PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among All Other Races - Females - 1+ Years of Age, U.S.A. 1977

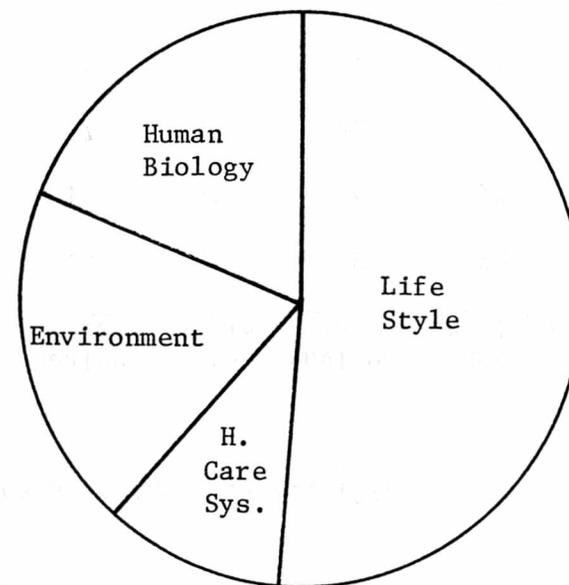
43



Total Mortality
1+ Years of Age



Life Years Lost
Before Age 75



Life Years Lost
Before Age 65

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the Total Population 1+ Years of Age, U.S.A., 1977

<u>Ten Leading Causes of Death</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>	<u>Cumulative % Distribution</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environment</u>	<u>Human Biology</u>
Heart Disease	717,976	336.0	38.8	38.8	12	54	9	28
Cancer	386,529	180.9	20.9	59.7	10	37	24	29
Cerebrovascular Disease	181,741	85.1	9.8	69.5	7	50	22	21
All Other Accidents	52,706	24.7	2.8	72.3	14	51	31	4
Influenza & Pneumonia	49,497	23.2	2.7	75.0	18	23	20	39
Motor Vehicle Accidents	49,234	23.0	2.7	77.7	12	69	18	0.6
Diabetes	32,976	15.4	1.8	79.5	6	26	0	68
Cirrhosis of Liver	30,804	14.4	1.7	81.2	3	70	9	18
Arteriosclerosis	28,745	13.5	1.6	82.8	18	49	8	26
Suicide	28,668	13.4	1.5	84.3	3	60	35	2
					10.8	48.4	15.9	26.3

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the Total Population 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 75, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <75 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ- ment</u>	<u>Human Biology</u>
Heart Disease	4,295,603	23.4	12	54	9	28
Cancer	3,931,209	21.4	10	37	24	29
Motor Vehicle Accidents	2,005,688	10.9	12	69	18	0.6
All Other Accidents	1,442,526	7.9	14	51	31	4
Suicide	898,388	4.9	3	60	35	2
Homicide	780,710	4.3	0	66	41	5
Cerebrovascular Disease	775,483	4.2	7	50	22	21
Cirrhosis of Liver	559,097	3.0	3	70	9	18
Influenza & Pneumonia	309,243	1.7	18	23	20	39
Diabetes	252,566	1.4	6	26	0	68
			10.0	51.5	20.1	19.8

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the Total Population 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 65, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <65 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Cancer	1,810,245	18.1	10	37	24	29
Heart Disease	1,687,593	16.8	12	54	9	28
Motor Vehicle Accidents	1,555,548	15.5	12	69	18	0.6
All Other Accidents	1,069,156	10.7	14	51	31	4
Suicide	644,683	6.4	3	60	35	2
Homicide	591,240	5.9	0	66	41	5
Cerebrovascular Disease	314,823	3.1	7	50	22	21
Cirrhosis of Liver	306,237	3.1	3	70	9	18
Influenza & Pneumonia	170,318	1.7	18	23	20	39
Diabetes	110,741	1.1	6	26	0	68
			9.8	53.5	21.8	16.4

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the Male Population 1+ Years of Age, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>	<u>Cumulative % Distribution</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environment</u>	<u>Human Biology</u>
Heart Disease	395,975	380.5	38.9	38.9	12	54	9	28
Cancer	210,369	202.1	20.6	59.5	10	37	24	29
Cerebrovascular Disease	77,255	74.2	7.6	67.1	7	50	22	21
Motor Vehicle Accidents	35,648	34.3	3.5	70.6	12	69	18	0.6
All Other Accidents	35,536	34.1	3.5	74.1	14	51	31	4
Influenza & Pneumonia	26,640	25.6	2.6	76.7	18	23	20	39
Suicide	21,099	20.3	2.1	78.8	3	60	35	2
Cirrhosis of Liver	20,143	19.4	2.0	80.8	3	70	9	18
Bronchitis, Emphysema & Asthma	16,058	15.4	1.6	82.4	13	40	24	24
Other Diseases of Arteries	15,609	15.0	1.5	83.9	18	49	8	26
					11.0	49.2	16.4	24.8

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among Males 1+ Years of Age
Ranked By Number of Years of Life Lost Before Age 75, U.S.A., 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <75 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Heart Disease	3,055,690	25.6	12	54	9	28
Cancer	2,102,297	17.6	10	37	24	29
Motor Vehicle Accidents	1,478,818	12.4	12	69	18	0.6
All Other Accidents	1,114,486	9.3	14	51	31	4
Suicide	669,255	5.6	3	60	35	2
Homicide	602,070	5.0	0	66	41	5
Cerebrovascular Disease	408,573	3.4	7	50	22	21
Cirrhosis of Liver	370,719	3.1	3	70	9	18
Influenza & Pneumonia	192,119	1.6	18	23	20	39
Diabetes	125,480	1.0	6	26	0	68
			10.0	52.9	20.1	18.5

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among Males 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 65, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <65 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Heart Disease	1,244,615	18.7	12	54	9	28
Motor Vehicle Accidents	1,147,818	17.2	12	69	18	0.6
Cancer	940,983	14.1	10	37	24	29
All Other Accidents	831,131	12.5	14	51	31	4
Suicide	484,005	7.3	3	60	35	2
Homicide	454,740	6.8	0	66	41	5
Cirrhosis of Liver	203,004	3.0	3	70	9	18
Cerebrovascular Disease	164,988	2.5	7	50	22	21
Influenza & Pneumonia	103,264	1.6	18	23	20	39
Diabetes	57,435	0.9	6	26	0	68
			9.8	54.8	21.9	15.0

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the Female Population 1+ Years of Age, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>	<u>Cumulative % Distribution</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Heart Disease	322,001	293.9	38.7	38.7	12	54	9	28
Cancer	176,160	160.8	21.1	59.8	10	37	24	29
Cerebrovascular Disease	104,486	95.4	12.5	72.3	7	50	22	21
Influenza & Pneumonia	22,857	20.9	2.7	75.0	18	23	20	39
Diabetes	19,348	17.7	2.3	77.3	6	26	0	68
All Other Accidents	17,170	15.7	2.1	79.4	14	51	31	4
Arteriosclerosis	17,100	15.6	2.1	81.5	18	49	8	26
Motor Vehicle Accidents	13,586	12.4	1.6	83.1	12	69	18	0.6
Cirrhosis of Liver	10,661	9.7	1.3	84.4	3	70	9	18
Other Diseases of Arteries	10,658	9.7	1.3	85.7	18	49	8	26
					11.0	47.8	15.4	27.3

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among Females 1+ Years of Age
Ranked By Number of Years of Life Lost Before Age 75, U.S.A., 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <75 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Cancer	1,828,912	28.7	10	37	24	29
Heart Disease	1,239,914	19.4	12	54	9	28
Motor Vehicle Accidents	526,811	8.3	12	69	18	0.6
Cerebrovascular Disease	366,910	5.7	7	50	22	21
All Other Accidents	328,040	5.1	14	51	31	4
Suicide	229,133	3.6	3	60	35	2
Cirrhosis of Liver	188,378	3.0	3	70	9	18
Homicide	178,640	2.8	0	66	41	5
Diabetes	127,086	2.0	6	26	0	68
Influenza & Pneumonia	117,124	1.8	18	23	20	39
			9.9	48.9	19.9	22.4

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among Females 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 65, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <65 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Cancer	869,262	25.9	10	37	24	29
Heart Disease	442,979	13.2	12	54	9	28
Motor Vehicle Accidents	407,671	12.2	12	69	18	0.6
All Other Accidents	238,025	7.1	14	51	31	4
Suicide	160,678	4.8	3	60	35	2
Cerebrovascular Disease	149,835	4.5	7	50	22	21
Homicide	136,500	4.1	0	66	41	5
Cirrhosis of Liver	103,233	3.1	3	70	9	18
Influenza & Pneumonia	67,054	2.0	18	23	20	39
Diabetes	53,306	1.6	6	26	0	68
			9.7	50.5	21.4	19.4

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the White Population 1+ Years of Age, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>	<u>Cumulative % Distribution</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environment</u>	<u>Human Biology</u>
Heart Disease	647,681	349.9	39.7	39.7	12	54	9	28
Cancer	342,875	185.2	21.0	60.7	10	37	24	29
Cerebrovascular Disease	159,414	86.1	9.8	70.5	7	50	22	21
All Other Accidents	44,212	23.9	2.7	73.2	14	51	31	4
Influenza & Pneumonia	43,737	23.6	2.7	75.9	18	23	20	39
Motor Vehicle Accidents	43,125	23.3	2.6	78.5	12	69	18	0.6
Diabetes	27,474	14.8	1.7	80.2	6	26	0	68
Arteriosclerosis	26,668	14.4	1.6	81.8	18	49	8	26
Suicide	26,570	14.4	1.6	83.4	3	60	35	2
Cirrhosis of Liver	25,418	13.7	1.5	84.9	3	70	9	18
					10.8	48.5	15.8	26.3

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the White Population 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 75, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <75 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ- ment</u>	<u>Human Biology</u>
Heart Disease	3,642,841	24.3	12	54	9	28
Cancer	3,379,209	22.6	10	37	24	29
Motor Vehicle Accidents	1,754,209	11.7	12	69	18	0.6
All Other Accidents	1,152,059	7.7	14	51	31	4
Suicide	816,745	5.5	3	60	35	2
Cerebrovascular Disease	592,040	4.0	7	50	22	21
Cirrhosis of Liver	424,915	2.8	3	70	9	18
Homicide	407,091	2.7	0	66	41	5
Influenza & Pneumonia	230,337	1.5	18	23	20	39
Diabetes	193,302	1.3	6	26	0	68
			10.1	51.4	19.7	20.0

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the White Population 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 65, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <65 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environment</u>	<u>Human Biology</u>
Cancer	1,537,394	19.2	10	37	24	29
Heart Disease	1,387,591	17.4	12	54	9	28
Motor Vehicle Accidents	1,361,424	17.0	12	69	18	0.6
All Other Accidents	850,479	10.6	14	51	31	4
Suicide	583,035	7.3	3	60	35	2
Homicide	306,776	3.8	0	66	41	5
Cerebrovascular Disease	230,065	2.9	7	50	22	21
Cirrhosis of Liver	221,875	2.8	3	70	9	18
Influenza & Pneumonia	121,687	1.5	18	23	20	39
Diabetes	82,937	1.0	6	26	0	68
			10.0	53.3	21.3	16.4

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the White Male Population 1+ Years of Age, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>	<u>Cumulative % Distribution</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environment</u>	<u>Human Biology</u>
Heart Disease	358,356	396.2	40.1	40.1	12	54	9	28
Cancer	185,079	204.6	20.7	60.8	10	37	24	29
Cerebrovascular Disease	66,894	74.0	7.5	68.3	7	50	22	21
Motor Vehicle Accidents	31,008	34.3	3.5	71.8	12	69	18	0.6
All Other Accidents	29,445	32.6	3.3	75.1	14	51	31	4
Influenza & Pneumonia	23,044	25.5	2.6	77.7	18	23	20	39
Suicide	19,524	21.6	2.2	79.9	3	60	35	2
Cirrhosis of Liver	16,713	18.5	1.9	81.8	3	70	9	18
Bronchitis, Emphysema & Asthma	15,048	16.6	1.7	83.5	13	40	24	24
Other Diseases of Arteries	14,415	15.9	1.6	85.1	18	49	8	26
					11.0	49.2	16.3	24.9

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the White Male Population 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 75, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <75 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environment</u>	<u>Human Biology</u>
Heart Disease	2,656,194	27.0	12	54	9	28
Cancer	1,800,140	18.3	10	37	24	29
Motor Vehicle Accidents	1,289,669	13.1	12	69	18	0.6
All Other Accidents	896,211	9.1	14	51	31	4
Suicide	607,453	6.2	3	60	35	2
Cerebrovascular Disease	313,610	3.2	7	50	22	21
Homicide	304,800	3.1	0	66	41	5
Cirrhosis of Liver	286,085	2.9	3	70	9	18
Influenza & Pneumonia	141,322	1.4	18	23	20	39
Diabetes	100,843	1.0	6	26	0	68
			10.2	52.8	19.6	18.8

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the White Male Population 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 65, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <65 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environment</u>	<u>Human Biology</u>
Heart Disease	1,056,544	19.7	12	54	9	28
Motor Vehicle Accidents	1,002,329	18.7	12	69	18	0.6
Cancer	798,205	14.9	10	37	24	29
All Other Accidents	666,801	12.5	14	51	31	4
Suicide	437,183	8.2	3	60	35	2
Homicide	229,255	4.3	0	66	41	5
Cirrhosis of Liver	150,190	2.8	3	70	9	18
Cerebrovascular Disease	120,845	2.3	7	50	22	21
Influenza & Pneumonia	72,512	1.4	18	23	20	39
Diabetes	45,108	0.8	6	26	0	68
			10.1	54.7	21.3	15.1

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the White Female Population 1+ Years of Age, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>	<u>Cumulative % Distribution</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Heart Disease	289,325	305.6	39.2	39.2	12	54	9	28
Cancer	157,796	166.7	21.4	60.6	10	37	24	29
Cerebrovascular Disease	92,520	97.7	12.5	73.1	7	50	22	21
Influenza & Pneumonia	20,693	21.9	2.8	75.9	18	23	20	39
Arteriosclerosis	15,977	16.9	2.2	78.1	18	49	8	26
Diabetes	15,855	16.7	2.2	80.3	6	26	0	68
All Other Accidents	14,767	15.6	2.0	82.3	14	51	31	4
Motor Vehicle Accidents	12,117	12.8	1.6	83.9	12	69	18	0.6
Other Diseases of Arteries	9,557	10.1	1.3	85.2	18	49	8	26
Cirrhosis of Liver	8,705	9.2	1.2	86.4	3	70	9	18
					11.0	47.7	15.4	27.3

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the White Female Population 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 75, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <75 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environment</u>	<u>Human Biology</u>
Cancer	1,579,069	30.7	10	37	24	29
Heart Disease	986,647	19.2	12	54	9	28
Motor Vehicle Accidents	464,540	9.0	12	69	18	0.6
Cerebrovascular Disease	278,430	5.4	7	50	22	21
All Other Accidents	255,848	5.0	14	51	31	4
Suicide	209,293	4.1	3	60	35	2
Cirrhosis of Liver	138,831	2.7	3	70	9	18
Homicide	102,291	2.0	0	66	41	5
Diabetes	92,459	1.8	6	26	0	68
Influenza & Pneumonia	89,005	1.7	18	23	20	39
			10.0	48.7	20.0	22.3

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among the White Female Population 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 65, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <65 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Cancer	739,189	28.0	10	37	24	29
Motor Vehicle Accidents	359,095	13.6	12	69	18	0.6
Heart Disease	331,047	12.6	12	54	9	28
All Other Accidents	183,678	7.0	14	51	31	4
Suicide	145,853	5.5	3	60	35	2
Cerebrovascular Disease	109,220	4.1	7	50	22	21
Homicide	77,521	2.9	0	66	41	5
Cirrhosis of Liver	71,686	2.7	3	70	9	18
Influenza & Pneumonia	49,175	1.9	18	23	20	39
Diabetes	37,829	1.4	6	26	0	68
			9.9	50.3	21.5	19.2

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among All Other Races 1+ Years of Age, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>	<u>Cumulative % Distribution</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environment</u>	<u>Human Biology</u>
Heart Disease	70,295	246.4	31.7	31.7	12	54	9	28
Cancer	43,654	153.0	19.7	51.4	10	37	24	29
Cerebrovascular Disease	22,327	78.3	10.1	61.5	7	50	22	21
Homicide	9,149	32.1	4.1	65.6	0	66	41	5
All Other Accidents	8,494	29.8	3.8	69.4	14	51	31	4
Motor Vehicle Accidents	6,109	21.4	2.8	72.2	12	69	18	0.6
Influenza & Pneumonia	5,760	20.2	2.6	74.8	18	23	20	39
Diabetes	5,502	19.3	2.5	77.3	6	26	0	68
Cirrhosis of Liver	5,386	18.9	2.4	79.7	3	70	9	18
Other Diseases of Arteries	2,295	8.0	1.0	80.7	18	49	8	26
					10.2	48.9	17.3	25.4

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among All Other Races 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 75, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <75 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Heart Disease	652,762	19.3	12	54	9	28
Cancer	552,001	16.4	10	37	24	29
Homicide	373,620	11.1	0	66	41	5
All Other Accidents	290,468	8.6	14	51	31	4
Motor Vehicle Accidents	251,480	7.5	12	69	18	0.6
Cerebrovascular Disease	183,443	5.4	7	50	22	21
Cirrhosis of Liver	134,182	4.0	3	70	9	18
Suicide	81,643	2.4	3	60	35	2
Influenza & Pneumonia	78,907	2.3	18	23	20	39
Diabetes	59,264	1.8	6	26	0	68
			9.1	52.4	21.7	19.2

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among All Other Races 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 65, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <65 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Heart Disease	300,002	14.8	12	54	9	28
Homicide	284,465	14.0	0	66	41	5
Cancer	272,851	13.5	10	37	24	29
All Other Accidents	218,678	10.8	14	51	31	4
Motor Vehicle Accidents	194,125	9.6	12	69	18	0.6
Cerebrovascular Disease	84,758	4.2	7	50	22	21
Cirrhosis of Liver	84,362	4.2	3	70	9	18
Suicide	61,648	3.0	3	60	35	2
Influenza & Pneumonia	48,632	2.4	18	23	20	39
Diabetes	27,804	1.4	6	26	0	68
			8.7	54.1	23.4	16.5

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among All Other Races - Males - 1+ Years of Age, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>	<u>Cumulative % Distribution</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Heart Disease	37,619	275.9	29.9	29.9	12	54	9	28
Cancer	25,290	185.5	20.1	50.0	10	37	24	29
Cerebrovascular Disease	10,361	76.0	8.2	58.2	7	50	22	21
Homicide	7,357	54.0	5.8	64.0	0	66	41	5
All Other Accidents	6,091	44.7	4.8	68.8	14	51	31	4
Motor Vehicle Accidents	4,640	34.0	3.7	72.5	12	69	18	0.6
Influenza & Pneumonia	3,596	26.4	2.9	75.4	18	23	20	39
Cirrhosis of Liver	3,430	25.2	2.7	78.1	3	70	9	18
Diabetes	2,009	14.7	1.6	79.7	6	26	0	68
Suicide	1,575	11.6	1.3	81.0	3	60	35	2
					9.9	49.7	18.7	23.7

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among All Other Races - Males - 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 75, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <75 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Heart Disease	399,496	18.7	12	54	9	28
Cancer	302,158	14.2	10	37	24	29
Homicide	297,271	13.9	0	66	41	5
All Other Accidents	218,275	10.2	14	51	31	4
Motor Vehicle Accidents	189,209	8.9	12	69	18	0.6
Cerebrovascular Disease	94,963	4.4	7	50	22	21
Cirrhosis of Liver	84,634	4.0	3	70	9	18
Suicide	61,803	2.9	3	60	35	2
Influenza & Pneumonia	50,787	2.4	18	23	20	39
Diabetes	24,637	1.2	6	26	0	68
			8.9	53.8	22.7	17.3

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among All Other Races - Males - 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 65, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <65 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Homicide	225,486	17.2	0	66	41	5
Heart Disease	188,071	14.4	12	54	9	28
All Other Accidents	164,330	12.5	14	51	31	4
Motor Vehicle Accidents	145,549	11.1	12	69	18	0.6
Cancer	142,778	10.9	10	37	24	29
Cirrhosis of Liver	52,814	4.0	3	70	9	18
Suicide	46,823	3.6	3	60	35	2
Cerebrovascular Disease	44,143	3.4	7	50	22	21
Influenza & Pneumonia	30,752	2.3	18	23	20	39
Diabetes	12,327	0.9	6	26	0	68
			8.5	55.6	24.5	14.5

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among All Other Races - Females - 1+ Years of Age, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>No. of Deaths</u>	<u>Rate Per 100,000</u>	<u>% of Total</u>	<u>Cumulative % Distribution</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environment</u>	<u>Human Biology</u>
Heart Disease	32,676	219.4	34.1	34.1	12	54	9	28
Cancer	18,364	123.3	19.2	53.3	10	37	24	29
Cerebrovascular Disease	11,966	80.3	12.5	65.8	7	50	22	21
Diabetes	3,493	23.4	3.6	69.4	6	26	0	68
All Other Accidents	2,403	16.1	2.5	71.9	14	51	31	4
Influenza & Pneumonia	2,164	14.5	2.3	74.2	18	23	20	39
Cirrhosis of Liver	1,956	13.1	2.0	76.2	3	70	9	18
Homicide	1,792	12.0	1.9	78.1	0	66	41	5
Motor Vehicle Accidents	1,469	9.9	1.5	79.6	12	69	18	0.6
Arteriosclerosis	1,123	7.5	1.2	80.8	18	49	8	26
					10.3	48.0	16.1	27.2

PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among All Other Races - Females - 1+ Years of Age
 Ranked by Number of Years of Life Lost Before Age 75, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <75 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Heart Disease	253,267	20.4	12	54	9	28
Cancer	249,844	20.2	10	37	24	29
Cerebrovascular Disease	88,480	7.1	7	50	22	21
Homicide	76,349	6.2	0	66	41	5
All Other Accidents	72,193	5.8	14	51	31	4
Motor Vehicle Accidents	62,271	5.0	12	69	18	0.6
Cirrhosis of Liver	49,548	4.0	3	70	9	18
Diabetes	34,627	2.8	6	26	0	68
Influenza & Pneumonia	29,120	2.3	18	23	20	39
Suicide	19,840	1.6	3	60	35	2
			9.5	49.8	19.7	22.8

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PROPORTIONAL ALLOCATION OF THE CONTRIBUTING FACTORS OF PREMATURE MORTALITY
TO THE FOUR ELEMENTS OF THE HEALTH FIELD

Ten Leading Causes of Death Among All Other Races - Females - 1+ Years of Age
Ranked by Number of Years of Life Lost Before Age 65, U.S.A. 1977

<u>Ten Leading Causes of Death</u>	<u>Years of Life <65 Lost</u>	<u>%</u>	<u>Health System</u>	<u>Life Style</u>	<u>Environ-ment</u>	<u>Human Biology</u>
Cancer	130,074	18.1	10	37	24	29
Heart Disease	111,932	15.6	12	54	9	28
Homicide	58,979	8.2	0	66	41	5
All Other Accidents	54,348	7.6	14	51	31	4
Motor Vehicle Accidents	48,576	6.8	12	69	18	0.6
Cerebrovascular Disease	40,615	5.7	7	50	22	21
Cirrhosis of Liver	31,548	4.4	3	70	9	18
Influenza & Pneumonia	17,880	2.5	18	23	20	39
Diabetes	15,477	2.2	6	26	0	68
Suicide	14,825	2.1	3	60	35	2
			9.2	51.1	21.3	20.3

CAUSE OF DEATH AND CATEGORY NUMBERS OF THE EIGHTH REVISION
INTERNATIONAL CLASSIFICATION OF DISEASES

Accidents -	
Motor vehicle accidents.....	E810-E823
All other accidents.....	E800-E807
	E825-E949
Arteriosclerosis.....	440
Bronchitis, emphysema, and asthma.....	490-493
Cerebrovascular diseases.....	430-438
Cirrhosis of liver.....	571
Diabetes mellitus.....	250
Diseases of heart.....	390-398,402,
	404,410-429
Homicide.....	E960-E978
Influenza and pneumonia.....	470-474,
	480-486
Malignant neoplasms.....	140-209
Suicide.....	E950-E959

